



Geel 2000 Language Schools



Science Department

Primary (3)

Second term

(2025 – 2026)



Name:.....

Class :.....



D.M.RAZK

موقع الدكتور محمد رزق معلم الكيمياء التعليمي



Lesson (1)

Traits

It's
just me
saying
hi!



Offspring: is the newly produced individual (ex: you are an offspring of your parent).

Traits: are the characteristics that make an organism look & behave the way it does.

Litter: a group of young animals that born at one time and look like their parents.



Inheritance: is the passing down of information (characteristics) from the parents to the offspring.

<u>Inherited traits</u>	<u>Non-inherited traits</u> <u>Or learned behaviors</u>
Height	Drawing
Nose shape	Hand writing
Hair color	Playing football

Inherited Trait

Definition

A characteristic that is passed from parents to their offspring.

Picture



Learned Behavior

Definition

A behavior that an animal develops by observing other animals or by being taught.

Picture





Worksheet

Put (✓) on Inherited traits and (×) on Non-inherited traits

Riding a
Skateboard

Speaking
English or
Spanish

Hair
Color

Eye
Color

Color of a
Flower

Learning to
Read

Liking
Classical
Music

The Color
of a Dog's
Fur



Leaves:

- ★ Grow at the top of the branches & spread out wide in the shape of umbrella.
- ★ The branches have thorns to prevent animals from eating its leaves.





Water lily (lotus):

It lives in fresh water (river).

Stem:

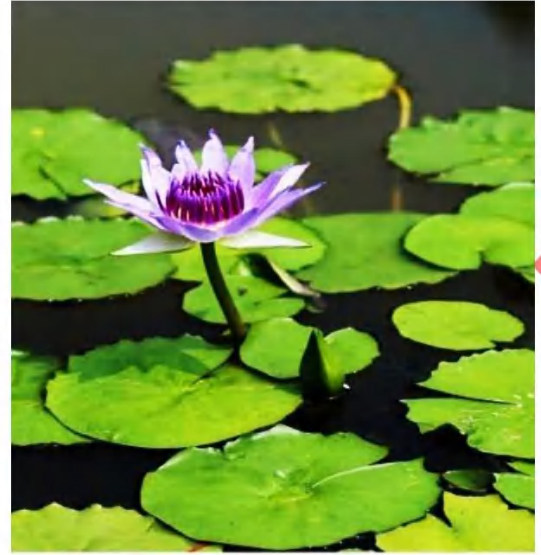
It is too long & flexible to fix (anchor) the plant in the mud at the bottom of the water.

Flowers:

They are large colorful petals in the shape of rounded triangles they open few hours during the morning.

Leaves:

- * They are large rounded to float on water surface & attract sunlight.
- * The leaf of the upper surface is covered with wax to keep water out.
- * Leaf lower surface has thorns to protect it from fish.





Worksheet

Complete using the given words:

Wax- too long – short – wide – very long – thorns -flexible-
the top – umbrella – rounded triangles

- 1- Acacia tree has trunks and.....roots.
- 2- Acacia tree spreads ... instead of growing tall.
- 3- Acacia tree leaves grow at.....and spread out in the shape of
- 4- Upper surface of water lily leaf is covered with To keep water out, while lower surface has for protection.
- 5- Water lily stem is & to fix the plant in the mud.
- 6- Water lily flower petals are large in the shape of.....



Identify what happening to the objects (push or pull)?



What is happening?

Push or Pull?



What is happening?

Push or Pull?



What is happening?

Push or Pull?



What is happening?

Push or Pull?



What is happening?

Push or Pull?



What is happening?

Push or Pull?



Worksheet

Look at each picture. Circle whether it is a **push**, a **pull**, or **both** a push and a pull.



push pull both



push pull both



push pull both



push pull both



push pull both



push pull both



push pull both



push pull both



push pull both



Worksheet

•stop

•push

•direction

•slow down

•move

•shape

•speed up

pull

Instructions: Match the word with the picture.

A force is a _____  or a _____ 

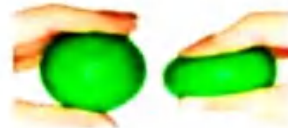
A force can change how things _____.



Forces can change the _____.



Forces can change the _____.



Forces can make objects _____.



Forces can make objects _____.



Forces can make objects _____.





Worksheet

Put the objects below into the correct box:



wood



key



bottle



fork



can



book



diamond



pencil



paper clip



knife

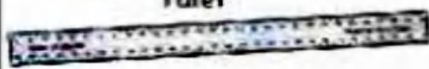
Magnetic	Non-magnetic

..



Worksheet

Colour the faces to show which are magnetic and which are not magnetic.

Object	Magnetic	Non-Magnetic
 paper clip		
 building brick		
 ruler		
 coin		
 nail		
 scissors		
 pencil		
 paper fasteners		
 book		
 eraser		



Worksheet

Tell whether each set of magnets will attract or repel.



—



—



—



—



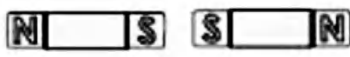
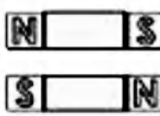
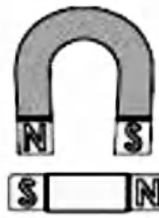
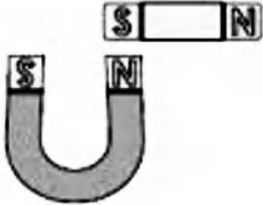
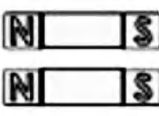
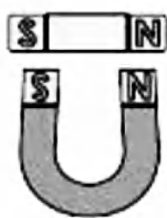
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Worksheet

Magnetic Attraction

Tell whether each pair of magnets will **attract** or **repel**.

 attract repel	 attract repel	 attract repel
 attract repel	 attract repel	 attract repel
 attract repel	 attract repel	 attract repel



Worksheet

Magnets

Draw a line from the magnet to each magnetic object.



iron spring



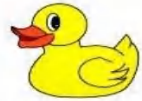
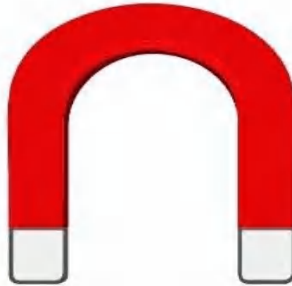
gold ring



steel ruler



aluminum can



rubber duck



steel spoon



plastic bottle



iron nail

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امسح الباركود بالموبيل لتثبيت
التطبيق وتحميل كل الملازم مجاناً وبسرعة



حمل التطبيق الآن



كورسات ونتائج امتحانات



ملازم ثانوي



ملازم اعدادي



ملازم ابتدائي



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